

5 Months Study Plan : VG- 19

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<b>September</b>		<b>October</b>		<b>November</b>	
<b>Date</b>	<b>Topic</b>	<b>Date</b>	<b>Topic</b>	<b>Date</b>	<b>Topic</b>
14 Sep, Fri	Propositional and First Order Logic	1 Oct, Mon	Database Design	1 Nov, Thu	Revision
15 Sep, Sat	Sets, relations, functions, partial orders and lattices	2 Oct, Tue	Relational algebra, Relational calculus	2 Nov, Fri	Operators
16 Sep, Sun	Group Theory	3 Oct, Wed		3 Nov, Sat	Scope of variables
17 Sep, Mon		4 Oct, Thu	SQL	4 Nov, Sun	Function
18 Sep, Tue	Graphs: connectivity, matching, coloring	5 Oct, Fri		5 Nov, Mon	Recursion
19 Sep, Wed		6 Oct, Sat	Transactions and concurrency control	6 Nov, Tue	Arrays
20 Sep, Thu	Combinatorics: counting	7 Oct, Sun		7 Nov, Wed	Pointers
21 Sep, Fri	Recurrence relations	8 Oct, Mon	File organization, indexing (e.g., B and B+ trees)	8 Nov, Thu	Structure
22 Sep, Sat	Generating functions	9 Oct, Tue		9 Nov, Fri	Union, Enum
23 Sep, Sun	Linear Algebra: Matrices, determinants, system of linear equations, eigenvectors, LU decomposition	10 Oct, Wed	Revision	10 Nov, Sat	Revision
24 Sep, Mon		11 Oct, Thu	Boolean algebra	11 Nov, Sun	Arrays
25 Sep, Tue	Calculus: Limits, continuity and differentiability. Maxima and minima, Integration	12 Oct, Fri	Number representations	12 Nov, Mon	Linked List
26 Sep, Wed		13 Oct, Sat	Minimisation	13 Nov, Tue	
27 Sep, Thu	Probability: Random variables. various distributions	14 Oct, Sun	Combinational Circuit	14 Nov, Wed	Stack, Queue
28 Sep, Fri	Mean, median, mode and standard deviation, Conditional probability and Bayes theorem	15 Oct, Mon		15 Nov, Thu	
29 Sep, Sat	Revision	16 Oct, Tue	Sequential Circuit	16 Nov, Fri	Trees, Binary search trees
30 Sep, Sun	ER-model	17 Oct, Wed		17 Nov, Sat	Binary heaps
<b>My GATE 2019 Status</b>		18 Oct, Thu	Revision	18 Nov, Sun	Graphs
		19 Oct, Fri	Computer arithmetic (fixed and floating point)	19 Nov, Mon	